

KEYMAR
N.T.S.

BASIS OF BEARINGS

NORTH 00°13'36" EAST - THE WEST LINE OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 02, TOWNSHIP 20 NORTH, RANGE 16 WEST, GILA & SALT RIVER MERIDIAN, MOHAVE COUNTY, ARIZONA, AS DETERMINED BY THE ARIZONA COORDINATE SYSTEM OF 1983 (AZ83-1983), WEST ZONE, INTERNATIONAL FOOT (I.FT.), UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY NGGS-OPUS.

M.C.S.O. "SD 32" - LATITUDE 35°09'22.70034"N,
 LONGITUDE 114°09'21.52470"W (NAD '83)
 HEIGHT 2562.146311ft (NAVD '88)

STONE 1/4 CDR 3/2 - LATITUDE 35°08'53.53305"N,
 LONGITUDE 114°10'30.72281"W (NAD '83)
 HEIGHT 2498.204581ft (NAVD '88)

BENCHMARK

BENCHMARK # "SD 34" M.C.S.D.
ELEVATION- 2590.24273 IFT (NAVD '88)
DESCRIPTION: ALUM CAP 2" DIA., SET IN CONC. 65 FT. NORTHEAST OF
THE SOUTH 1/4 CORNER OF SEC. 35, T. 21 N., R.18 W. AND THE
INTERSECTION OF SHINARUMP DR. AND HOPE RD., STAMPED "SD 34 1998

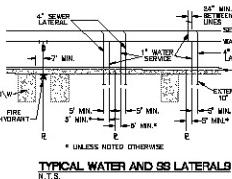
SEWER CONSTRUCTION NOTES

- [1] INSTALL 48" DIAMETER MANHOLE PER M.A.G. STANDARD DETAIL NO. 420
 - [2] INSTALL 6" PVC SEWER MAIN
 - [3] INSTALL 4" PVC SEWER LATERAL PER M.A.G. STANDARD DETAIL NOS. 440-1 AND 440-4
 - [4] INSTALL 8" PVC SEWER STUB & CAP

WATER CONSTRUCTION NOTE

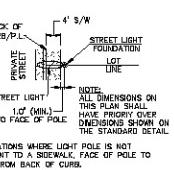
- ① INSTALL 1/2" PVC PIPE CLASS 150 MEETING REQ. OF A.W.W.A. C-900
 - ② INSTALL FIRE HYDRANT ASSEMBLY PER
MANUFACTURER'S DETAIL NO. 390
 - ③ INSTALL 1/2" DIAMETER TEE
 - ④ INSTALL 11.25° BEND
 - ⑤ INSTALL 22.5° BEND
 - ⑥ INSTALL 45° BEND
 - ⑦ INSTALL 90° BEND
 - ⑧ INSTALL 1/2" x 1/2" x 1/2" TEE
 - ⑨ INSTALL 1/2" x 1/2" x 1/2" CROSS
 - ⑩ INSTALL 1/2" WATER LATERAL W/ 3/4" WATER METER
PER SHEET D-014
 - ⑪ REMOVE EXISTING GATE & CONNECT TO EXIST. 8" WATER LINE
NOTE: AN 8" GATE MUST BE PLACED

NOTE: ALL NOTES NOT USED ON ALL SHEETS.

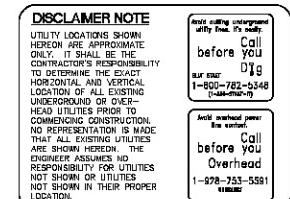


TYPICAL WATER AND SEWAGE MAIN LINE SECTION

N.T.S. NOTE
INSTALL M.A.G. STANDARD DETECTABLE LOCATOR TAPE OR
PLASTIC COATED (BLUE FOR WATER AND GREEN
FOR SEACOAT) ON HULL END ALL WATER AND SEACOAT LINES.



MEETLIGHT LOCATION



PRELIMINARY ISSUE FOR REVIEW
NOT FOR CONSTRUCTION 3-10-06

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**ODES HOMES ARIZONA
GOLDEN VALLEY RANCH**

**AREA 1 - PHASE A
UTILITY PLAN 9**

**ODES HOMES ARIZONA
GOLDEN VALLEY RANCH
AREA 1 - PHASE A
UTILITY PLAN 9**

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SHEET
LIBO

UP9

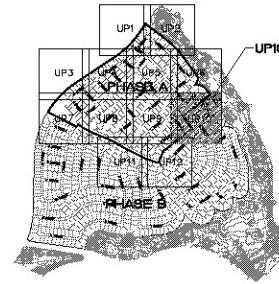
35 OF 79 SHEETS

SCI PROJECT #
18476

Page 1



FOR CONTINUATION SEE SHEET UP8



KEYMAI
N.T.S.

LEGEND

LOT NUMBER
RIGHT OF WAY
SUBDIVISION/UNIT BOUNDARY
STREET LIGHT (100W HPS)
ND. 3-1/2" PULL BOX
SERVICE PEDESTAL
PUBLIC UTILITY EASEMENT
COMMON ELEMENT

BASIS OF BEARINGS

NORTH 00°13'38" EAST — THE WEST LINE OF THE NORTHWEST QUARTER
(NW 1/4) SECTION 02, TOWNSHIP 20 NORTH, RANGE 18 WEST, GILA &
SALT RIVER MERIDIAN, MOHAVE COUNTY, ARIZONA, AS DETERMINED BY THE
ARIZONA COORDINATE SYSTEM OF 1983 (AZ83-1983), WEST ZONE,
INTERNATIONAL FOOT (IF), UTILIZING FAST STATIC OBSERVATIONS
PROCESSED BY NGGS-CPUS.

M.C.S.O. "SD 32" - LATITUDE 35°09'22.70034"N,
LONGITUDE 114°09'21.57240"W (NAD '83)
HEIGHT 2562.163811ft (NAD '88)

STONE 1/4 CDR 3/2 - LATITUDE 35°08'53.53385"N,
LONGITUDE 114°10'30.72281"W (NAD '83)
HEIGHT 2498.204581ft (NAD '88)

BENCHMARK

BENCHMARK # "SD 34" M.C.S.D.
ELEVATION- 2590.24273 IFT (NAVD '88)

DESCRIPTION: ALUM CAP 2" DIA., SET IN CONC. 65 FT. NORTHEAST OF THE SOUTH 1/4 CORNER OF SEC. 35, T. 21 N., R.18 W. AND THE INTERSECTION OF SHINARUMP DR. AND HOPE RD., STAMPED "SD 34 1999 RLS 10343."

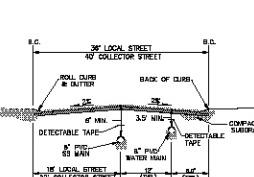
SEWER CONSTRUCTION NOTES

- [1] INSTALL 48" DIAMETER MANHOLE PER M.A.G. STANDARD DETAIL NO. 420**
 - [2] INSTALL 8" PVC SEWER MAIN**
 - [3] INSTALL 4" PVC SEWER LATERAL PER M.A.G. STANDARD DETAIL NOS. 440-1 AND 440-4**
 - [4] INSTALL 8" PVC SEWER STUB & CAP**

WATER CONSTRUCTION NOTES

- 1) INSTALL 8" PVC PIPE CLASS 150 MEETING REG. OF A.W.W.A. C-900
2) INSTALL FIRE HYDRANT ASSEMBLY PER
M.A.C. STANDARD DETAIL NO. 390
3) INSTALL 8" GATE VALVE \times VALVES
4) INSTALL 11.25" BEND
5) INSTALL 22" BEND
6) INSTALL 45° BEND
7) INSTALL 90° BEND
8) INSTALL 8" x 8" x 8" TEE
9) INSTALL 8" x 8" x 8" x 8" CROSS
10) INSTALL 1" WATER LATERAL W 3/4" WATER METER
11) REMOVE EXISTING CAP & CONNECT TO EXIST. 8" WATER LINE
NOTE: ALL NOTES MUST BE USED ON ALL SHEETS

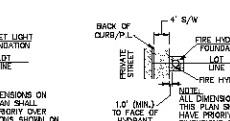
NOTE: ALL NOTES NOT USED ON ALL SHEETS.



TYPICAL WATER AND SEWAGE MAIN LINE SECTION

TYPICAL WATER AND SEWER MAIN LINE SECTION

N.T.S. NOTE:
INSTALL MAG. STANDARD DETECTABLE LOCATOR TAPE OR
PLASTIC COATED (BLUE FOR WATER AND GREEN
FOR SEWER) IN VANE FOR ALL WATER AND SEWER LINES.



**WHERE LIGHT POLE IS NOT
A SIDEWALK, FACE OF POLE TO
BACK OF CURB.**

DISCLAIMER NOTE

DISCLAIMER NOTE

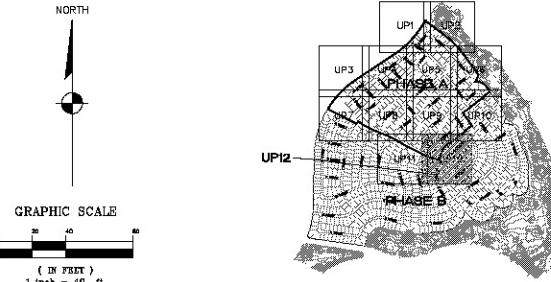
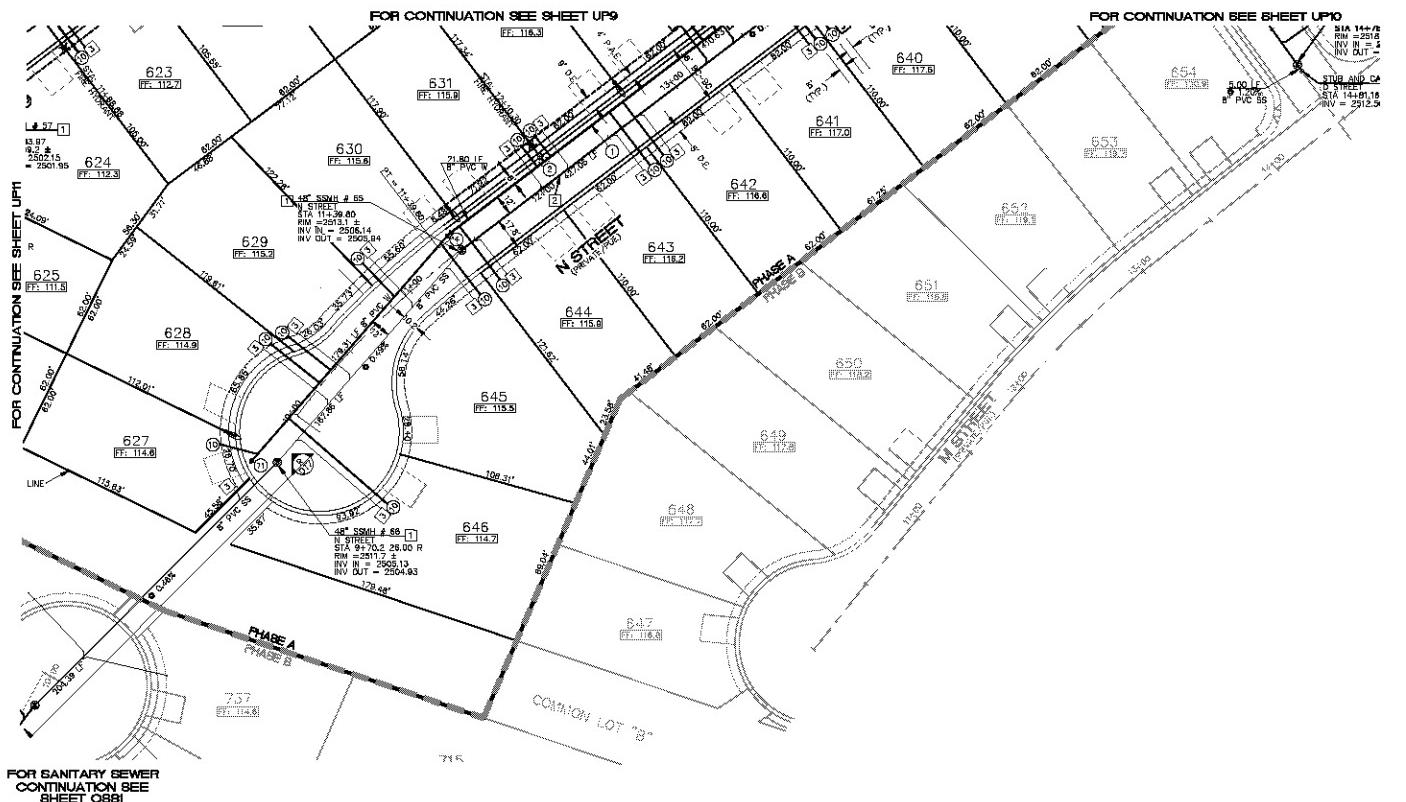
HORIZONTAL AND VERTICAL
LOCATION OF ALL EXISTING
UNDERGROUND OR OVER-
HEAD UTILITIES PRIOR
TO COMMENCING CONSTRUCTION.
NO REPRESENTATION IS MADE
THAT ALL EXISTING UTILITIES
ARE SHOWN HEREON. THE
ENGINEER ASSUMES NO
RESPONSIBILITY FOR UTILITIES
NOT SHOWN OR UTILITIES
NOT SHOWN IN THEIR PROPER

PRELIMINARY ISSUE FOR REVIEW
NOT FOR CONSTRUCTION 3-10-06



**ODES HOMES ARIZONA, LLC
GOLDEN VALLEY RANCH**

**AREA 1 - PHASE A
UTILITY PLAN 10**

**BASIS OF BEARINGS**

NORTH 00°33'06" EAST - THE WEST LINE OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 02, TOWNSHIP 20 NORTH, RANGE 16 WEST, GILA & SALT RIVER MERRIDIAN, MICHIGAN COUNTY, ARIZONA AS DETERMINED BY THE ARIZONA COORDINATE SYSTEM (1983 ELLIPSOID WGS 84). WEST 2000 INTERNATIONAL FOOT (IFT), UTILIZING FAIR STADT OBSERVATIONS PROCESSED BY NGPS-OPUS.

M.C.S.D. "SD 34" = LATITUDE 35°29'22.70036"N
LONGITUDE 114°09'21.57240"W (NAD 83)
HEIGHT 2562.45311ft (NAVD88)

STONE 1/4 CDR 3/2 = LATITUDE 35°29'53.53348"N
LONGITUDE 114°10'30.72281"W (NAD 83)
HEIGHT 2448.20458ft (NAVD88)

BENCHMARK

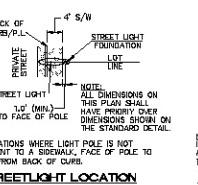
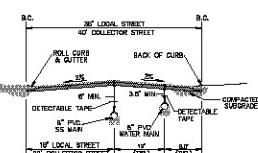
BENCHMARK # "SD 34" M.C.S.D.
ELEVATION= 2560.24273 ft (NAVD 88)
DESCRIPTION= ALUM CAP 2" Dia., SET IN CONC. 65 FT. NORTHEAST OF THE SOUTH 1/4 CORNER OF SEC. 35, T. 21 N., R.18 W. AND THE INTERSECTION OF SHAWHARD DR. AND HOPE RD., STAMPED "SD 34" 1999 RLS 10343.

SEWER CONSTRUCTION NOTES

- ① INSTALL 48" DIAMETER MANHOLE PER M.A.G. STANDARD DETAIL NO. 420
- ② INSTALL 6" PVC SEWER MAIN
- ③ INSTALL 4" PVC SEWER LATERAL PER M.A.G. STANDARD DETAIL NO. 440-1 AND 440-4
- ④ INSTALL 6" PVC SEWER STUB & CAP

WATER CONSTRUCTION NOTES

- ⑤ INSTALL 8" PVC PIPE CLASS 150 MEETING P.D. OF A.W.W.A. C-900
 - ⑥ INSTALL FIRE HYDRANT ASSEMBLY PER M.A.G. STANDARD DETAIL NO. 380
 - ⑦ INSTALL 8" DATE VALVE \ VALVES
 - ⑧ INSTALL 11.25" BEND
 - ⑨ INSTALL 22.5" BEND
 - ⑩ INSTALL 45" BEND
 - ⑪ INSTALL 90" BEND
 - ⑫ INSTALL 8" x 6" x 8" TEE
 - ⑬ INSTALL 8" x 6" x 8" CROSS
 - ⑭ INSTALL 8" PVC LATERAL W 3/4" WATER METER
 - ⑮ SEE SHEET 6, D14
 - ⑯ 8" CAP W/ BLOW-OFF PER M.A.G. STANDARD DETAIL NO. 390
 - ⑰ REMOVE EXISTING CAP & CONNECT TO EXIST. 6" WATER LINE
- NOTE: ALL NOTES NOT USED ON ALL SHEETS.

**DISCLAIMER NOTE**

*

Utility locations shown herein are approximate and are the responsibility of the contractor's responsibility to determine the exact horizontal and vertical location of all existing underground or over head utility lines prior to commencing construction. No representation is made that the utility lines shown or dimensions shown on the standard detail are shown herein. The engineer assumes no responsibility for utility lines not shown or utilities not shown in their proper location.

Call before you dig
1-800-622-5348
(Phoenix)

Call before you
Overhead
1-877-733-5581
(Phoenix)

PRELIMINARY ISSUE FOR REVIEW
NOT FOR CONSTRUCTION 3-10-06

Stanley Consultants Inc.

820 S. Encanto Street Suite 200
(480) 358-3793 Fax (480) 358-3793
www.stanleygroup.com

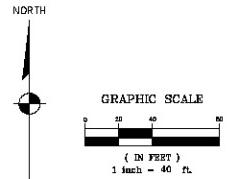
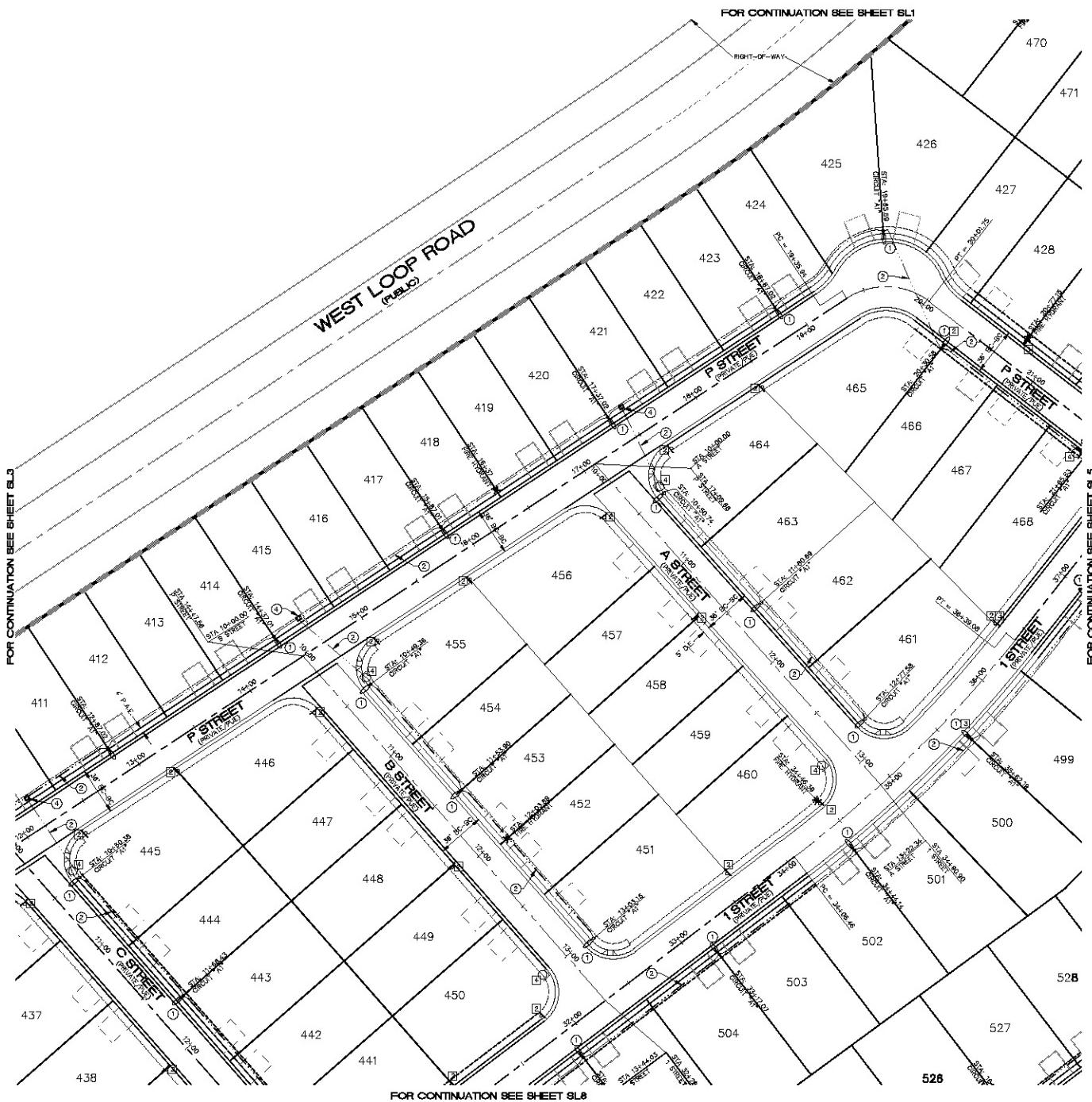
RHODES HOMES ARIZONA, LLC
GOLDEN VALLEY RANCH
ARIZONA

AREA 1 - PHASE A
UTILITY PLAN 12

SHEET
UP12
3B OF 79 SHEETS
SCI PROJECT #
18476

820 S. Encanto Street Suite 200 (480) 358-3793 Fax (480) 358-3793 www.stanleygroup.com
SCALE (H:1') = 40'
SCALE (V:1') = 100'
DRAWN BY CD/RM
CHECKED BY SH/DB
DATE 3-10-06





NEW STREETLIGHT SERVICE PEDESTAL CIRCUIT "A"

STREETLIGHT CIRCUIT "A" CAPACITY VERIFICATION

LOCATION: ENTRANCE AT LOOP ROAD	= 125 AMPS
SERVICE PEDESTAL CAPACITY	= 80 AMPS
CIRCUIT BREAKER	= 48 AMPS
MAXIMUM ALLOWABLE DRAW (0.80) X 80 AMPS	= 0 AMPS
EXISTING CIRCUIT LOAD	
PROPOSED LUMINAIRE LOAD TO CIRCUIT	= 37.0 AMPS
36 EA - 100 WATT @ 1.0 AMPS EACH	
TOTAL PROPOSED LOAD	= 37.0 AMPS
EXISTING PLUS PROPOSED LOAD	= 37.0 AMPS
REMAINING AVAILABLE LOAD	= 11.0 AMPS

STREETLIGHT CIRCUIT "A2" CAPACITY VERIFICATION

LOCATION: ENTRANCE AT LOOP ROAD	= 125 AMPS
SERVICE PEDESTAL CAPACITY	= 80 AMPS
CIRCUIT BREAKER	= 48 AMPS
MAXIMUM ALLOWABLE DRAW (0.80) X 80 AMPS	= 0 AMPS
EXISTING CIRCUIT LOAD	
PROPOSED LUMINAIRE LOAD TO CIRCUIT	= 21.0 AMPS
21 EA - 100 WATT @ 1.0 AMPS EACH	
TOTAL PROPOSED LOAD	= 21.0 AMPS
EXISTING PLUS PROPOSED LOAD	= 21.0 AMPS
REMAINING AVAILABLE LOAD	= 27.0 AMPS

NEW STREETLIGHT SERVICE PEDESTAL CIRCUIT "B"

STREETLIGHT CIRCUIT "B" CAPACITY VERIFICATION

LOCATION: SWC OF 6 STREET AT K STREET	= 125 AMPS
SERVICE PEDESTAL CAPACITY	= 80 AMPS
CIRCUIT BREAKER	= 48 AMPS
MAXIMUM ALLOWABLE DRAW (0.80) X 80 AMPS	= 0 AMPS
EXISTING CIRCUIT LOAD	
PROPOSED LUMINAIRE LOAD TO CIRCUIT	= 29.0 AMPS
29 EA - 100 WATT @ 1.0 AMPS EACH	
TOTAL PROPOSED LOAD	= 29.0 AMPS
EXISTING PLUS PROPOSED LOAD	= 29.0 AMPS
REMAINING AVAILABLE LOAD	= 19.0 AMPS

STREETLIGHT CIRCUIT "B2" CAPACITY VERIFICATION

LOCATION: SWC OF 6 STREET AT K STREET	= 125 AMPS
SERVICE PEDESTAL CAPACITY	= 80 AMPS
CIRCUIT BREAKER	= 48 AMPS
MAXIMUM ALLOWABLE DRAW (0.80) X 80 AMPS	= 0 AMPS
EXISTING CIRCUIT LOAD	
PROPOSED LUMINAIRE LOAD TO CIRCUIT	= 15.0 AMPS
15 EA - 100 WATT @ 1.0 AMPS EACH	
TOTAL PROPOSED LOAD	= 15.0 AMPS
EXISTING PLUS PROPOSED LOAD	= 15.0 AMPS
REMAINING AVAILABLE LOAD	= 33.0 AMPS

LIGHTING CONSTRUCTION NOTES

- ① INSTALL 10W HPS LUMINAIRE PER DET. NO. 314 ON SHEET DTS
- ② INSTALL 1 1/4" STREETLIGHT CONDUIT AND WIRE PER DET. NO. 501 ON SHEET DTS
- ③ INSTALL 125 AMP SERVICE PEDESTAL PER DET. NO. 330 & 331 ON SHEET DTS
- ④ INSTALL NO. 3 1/2 PULL BOX PER DET. NO. 326 ON SHEET DTS
- ⑤ STUB AND CAP STREET LIGHT CONDUIT

TRAFFIC CONSTRUCTION NOTES

- ① INSTALL W14-2 "NO OUTLET"
- ② INSTALL "NO PARKING FIRE LANE SIGN" PER DETAIL THIS SHEET
- ③ INSTALL SIZE R2-1 (23 MPH) "SPEED LIMIT SIGN"
- ④ INSTALL 30" R1-1 "STOP SIGN W/ (2) 9" D3 "STREET NAME SIGNS"
- ⑤ INSTALL TWO 9" D3 "STREET NAME SIGN"
- ⑥ INSTALL RED AND WHITE STRIPED BARRICADE PER MAG STANDARD DETAIL NO. 130 AND LATEST MUTCD MANUAL

NOTES:

NOT ALL NOTES USED ON THIS SHEET.
ALL SIGNAGE SHALL BE PER THE LATEST MUTCD MANUAL.

BASIS OF BEARINGS

NORTH 00°34' EAST - THE WEST LINE OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 02, TOWNSHIP 20 NORTH, RANGE 10 WEST, SALT RIVER MERIDIAN, MARSH COUNTY, ARIZONA, AS DETERMINED BY THE ARIZONA COORDINATE SYSTEM OF 1983 (AZ83-WF), WEST ZONE, INTERNATIONAL FOOT (FT.), UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY NCSC-DPS.

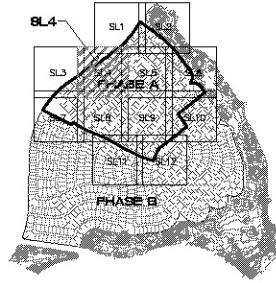
M.C.S.D. 3D 3Z - LATITUDE 35°09'22" 70°33'4" LONGITUDE 112°09'15.72430" W (NAVD '83)
HEIGHT 552.46391' M (NAVD '88)

STONE 1/4 COR 3Z/2 - LATITUDE 35°08'55.53238" N LONGITUDE 112°10'30.2289" W (NAVD '83)
HEIGHT 549.20498' M (NAVD '88)

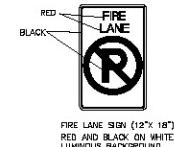
BENCHMARK

BENCHMARK # SD 34 M.C.S.D.
ELEVATION: 2590.24273 FT (NAVD '88)

DESCRIPTION: ALUM CAP 2" DIAM. SET IN CONC. 65 FT. NORTHEAST OF THE SOUTH 1/4 CORNER OF SEC. 35, T. 21 N., R. 18 W. AND THE INTERSECTION OF SHINERUMP DR. AND HOPE RD., STAMPED "SD 34 1999 RLS 10343."



LEGEND:
 1/4" STREET LIGHT CONDUIT
 PROPOSED 100 W HPS LUMINAIRE
 NO. 3-1/2" FULL BOX
 SERVICE PEDESTAL
 PROPOSED STREET SIGNS
 PROPOSED STOP SIGN W/ (2) STREET NAME SIGNS
 PROPOSED BARRICADE



SCALE (H) 1 : 400
SCALE (V) 1 : 400
SCALE (W) 1 : 400
DRAWN BY CD/RM
CHECKED BY SH/DB
DATE 3-10-06



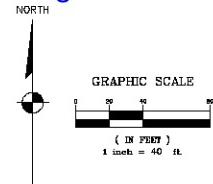
RHODES HOMES ARIZONA, LLC
GOLDEN VALLEY RANCH
MARSH COUNTY
AREA 1 - PHASE A
STREET LIGHT AND TRAFFIC CONTROL PLAN 4
ARIZONA

Disclaimer Note
Utility locations shown herein are approximate only and are the responsibility of the contractor to determine the exact location of all existing underground facilities. It is the contractor's responsibility to commence construction after receiving written notice to do so. The engineer assumes no responsibility for the presence or absence of utilities not shown in their proper location.

Utility locations shown herein are approximate only.
before you
DIG
call 1-800-787-5548
(800) 787-5548
or visit
www.digaz.org

Avoid overhead power lines
Call before you
Overhead
1-877-787-5548
(877) 787-5548

Sheet
SL4
42 OF 79 SHEETS
SCI PROJECT# 18449



NEW STREETLIGHT SERVICE PEDESTAL CIRCUIT "A"

STREETLIGHT CIRCUIT "A" CAPACITY VERIFICATION

LOCATION: ENTRANCE AT LOOP ROAD
SERVICE PEDESTAL CAPACITY
CIRCUIT BREAKER
MAXIMUM ALLOWABLE DRAW (0.80) X 60 AMPS
EXISTING CIRCUIT LOAD
PROPOSED LUMINAIRE LOAD TO CIRCUIT
36 EA - 100 WATT @ 1.0 AMPS EACH
TOTAL PROPOSED LOAD
EXISTING PLUS PROPOSED LOAD
REMAINING AVAILABLE LOAD

= 125 AMPS
= 60 AMPS
= 48 AMPS
= 0 AMPS
= 37.0 AMPS
= 37.0 AMPS
= 37.0 AMPS
= 11.0 AMPS

STREETLIGHT CIRCUIT "A" CAPACITY VERIFICATION

LOCATION: ENTRANCE AT LOOP ROAD
SERVICE PEDESTAL CAPACITY
CIRCUIT BREAKER
MAXIMUM ALLOWABLE DRAW (0.80) X 60 AMPS
EXISTING CIRCUIT LOAD
PROPOSED LUMINAIRE LOAD TO CIRCUIT
21 EA - 100 WATT @ 1.0 AMPS EACH
TOTAL PROPOSED LOAD
EXISTING PLUS PROPOSED LOAD
REMAINING AVAILABLE LOAD

= 125 AMPS
= 60 AMPS
= 48 AMPS
= 0 AMPS
= 21.0 AMPS
= 21.0 AMPS
= 21.0 AMPS
= 27.0 AMPS

NEW STREETLIGHT SERVICE PEDESTAL CIRCUIT "B"

STREETLIGHT CIRCUIT "B" CAPACITY VERIFICATION

LOCATION: SWC OF G STREET AT K STREET
SERVICE PEDESTAL CAPACITY
CIRCUIT BREAKER
MAXIMUM ALLOWABLE DRAW (0.80) X 60 AMPS
EXISTING CIRCUIT LOAD
PROPOSED LUMINAIRE LOAD TO CIRCUIT
29 EA - 100 WATT @ 1.0 AMPS EACH
TOTAL PROPOSED LOAD
EXISTING PLUS PROPOSED LOAD
REMAINING AVAILABLE LOAD

= 125 AMPS
= 60 AMPS
= 48 AMPS
= 0 AMPS
= 29.0 AMPS
= 29.0 AMPS
= 29.0 AMPS
= 19.0 AMPS

STREETLIGHT CIRCUIT "B" CAPACITY VERIFICATION

LOCATION: SWC OF G STREET AT K STREET
SERVICE PEDESTAL CAPACITY
CIRCUIT BREAKER
MAXIMUM ALLOWABLE DRAW (0.80) X 60 AMPS
EXISTING CIRCUIT LOAD
PROPOSED LUMINAIRE LOAD TO CIRCUIT
29 EA - 100 WATT @ 1.0 AMPS EACH
TOTAL PROPOSED LOAD
EXISTING PLUS PROPOSED LOAD
REMAINING AVAILABLE LOAD

= 125 AMPS
= 60 AMPS
= 48 AMPS
= 0 AMPS
= 15.0 AMPS
= 15.0 AMPS
= 15.0 AMPS
= 33.0 AMPS

LIGHTING CONSTRUCTION NOTES

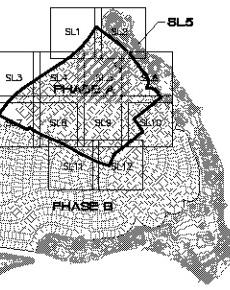
- 1 INSTALL 100W HPS LUMINAIRE PER DET. NO. 314 ON SHEET DTS
- 2 INSTALL 1 1/4" STREETLIGHT CONDUIT AND WIRE PER DET. NO. 501 ON SHEET DTS
- 3 INSTALL 125 AMP SERVICE PEDESTAL PER DET. NO. 330 & 331 ON SHEET DTS
- 4 INSTALL NO 3 1/2" PULL BOX PER DET. NO. 326 ON SHEET DTS
- 5 STUB AND CAP STREET LIGHT CONDUIT

TRAFFIC CONSTRUCTION NOTES

- 1 INSTALL W14-2 "NO OUTLET"
- 2 INSTALL "NO PARKING FIRE LANE SIGN" PER DETAIL THIS SHEET
- 3 INSTALL SIZE R2-1 (23 MPH) "SPEED LIMIT SIGN"
- 4 INSTALL 30" R1-1 "STOP SIGN W/ 1" D3 "STREET NAME SIGNS"
- 5 INSTALL TWO 9" D3 "STREET NAME SIGN"
- 6 INSTALL RED AND WHITE STRIPED BARRICADE PER MAG STANDARD DETAIL NO. 130 AND LATEST MUTCD MANUAL

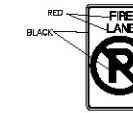
NOTES:

NOT ALL NOTES USED ON THIS SHEET.
ALL SIGNAGE SHALL BE PER THE LATEST MUTCD MANUAL.



LEGEND

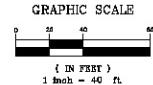
- 1 1/4" STREET LIGHT CONDUIT
- PROPOSED 100 W HPS LUMINAIRE
- NO 3-1/2" PULL BOX
- SERVICE PEDESTAL
- PROPOSED STREET SIGNS
- PROPOSED STOP SIGN W/ (2) STREET NAME SIGNS
- PROPOSED BARRICADE



<p>40274 STEVEN A. HAGEL CITY OF PHOENIX, ARIZONA, U.S.A.</p>	
SCALE (H:1) = 40	SCALE (V:1) = 40
1:200 S. Elevation Det. No. 15 Sheet 200	1:200 S. Elevation Det. No. 15 Sheet 200
1/200 S. Elevation Det. No. 15 Sheet 200	1/200 S. Elevation Det. No. 15 Sheet 200
DRAWN BY CD/RM	CHECKED BY SH/DB
DATE 3-10-06	
<p>stanley consultants inc.</p>	
<p>8020 S. Eastern Ave. Suite 200 (407) 248-3539 Fax (407) 248-3534 www.stanleygroup.com</p>	
<p>NOTE: IN LOCATIONS WHERE LIGHT POLE IS NOT ADJACENT TO A SIDEWALK, FACE OF POLE TO BE FROM BACK OF CURB.</p>	
<p>STREETLIGHT LOCATION N.T.S.</p>	
<p>BASIS OF BEARINGS</p>	
<p>NORTH 00°34' EAST - THE WEST LINE OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 02, TOWNSHIP 20 NORTH, RANGE 10 WEST, GILA & SALT RIVER MERIDIAN, MARSH COUNTY, ARIZONA, AS DETERMINED BY THE ARIZONA COORDINATE SYSTEM OF 1943 (AZCS-WF), WEST ZONE, INTERNATIONAL FOOT (FT.), UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY NCSC-DPS.</p>	
<p>M.C.S.D. "SD 32" - LATITUDE 35°09'22" 70037" N LONGITUDE 112°09'15.7240" W (NAVD 88) HEIGHT 5526.46301' (NAVD 88)</p>	
<p>STONE 1/4 COR 3/2 = LATITUDE 35°08'55.53238" N LONGITUDE 112°09'30.2281" W (NAVD 88) HEIGHT 5498.20498' (NAVD 88)</p>	
<p>DISCLAIMER NOTE UTILITY LOCATIONS SHOWN HERON ARE APPROXIMATE ONLY AND ARE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT LOCATION OF ALL EXISTING UNDERGROUND DR. OVERHEAD CABLES AND PIPE LINES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT THE LOCATIONS OF UTILITIES SHOWN HEREON ARE CORRECT. THE ENGINEER ASSUMES NO LIABILITY FOR THE UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.</p>	
<p>Utility locations shown herein are approximate only and are the contractor's responsibility to determine the exact location of all existing underground dr. over head cables and pipe lines prior to commencing construction. No representation is made that the locations of utilities shown herein are correct. The engineer assumes no liability for the utilities not shown or utilities not shown in their proper location.</p>	
<p>Utility locations shown herein are approximate only and are the contractor's responsibility to determine the exact location of all existing underground dr. over head cables and pipe lines prior to commencing construction. No representation is made that the locations of utilities shown herein are correct. The engineer assumes no liability for the utilities not shown or utilities not shown in their proper location.</p>	
<p>Call before you Overhead 1-877-787-5551</p>	
<p>STREET LIGHT AND TRAFFIC CONTROL PLAN 5 ARIA 1 - PHASE A RHOADES HOMES ARIZONA, LLC GOLDEN VALLEY RANCH MARSH COUNTY</p>	
<p>SHEET SL5 43 OF 79 SHEETS SCI PROJECT# 18449</p>	



NORTH

**NEW STREETLIGHT SERVICE PEDESTAL CIRCUIT "A"****STREETLIGHT CIRCUIT "A" CAPACITY VERIFICATION**

LOCATION: ENTRANCE AT LOOP ROAD

SERVICE PEDESTAL CAPACITY

CIRCUIT BREAKER

MAXIMUM ALLOWABLE DRAW (0.80) X 80 AMPS

EXISTING CIRCUIT LOAD

PROPOSED LUMINAIRE LOAD TO CIRCUIT

36 EA - 100 WATT @ 1.0 AMPS EACH

TOTAL PROPOSED LOAD

EXISTING PLUS PROPOSED LOAD

REMAINING AVAILABLE LOAD

= 125 AMPS

= 60 AMPS

= 48 AMPS

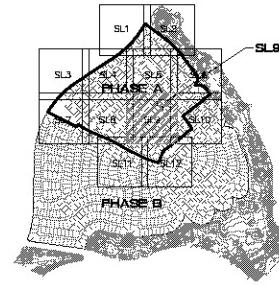
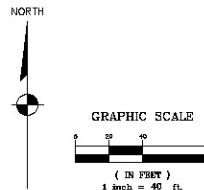
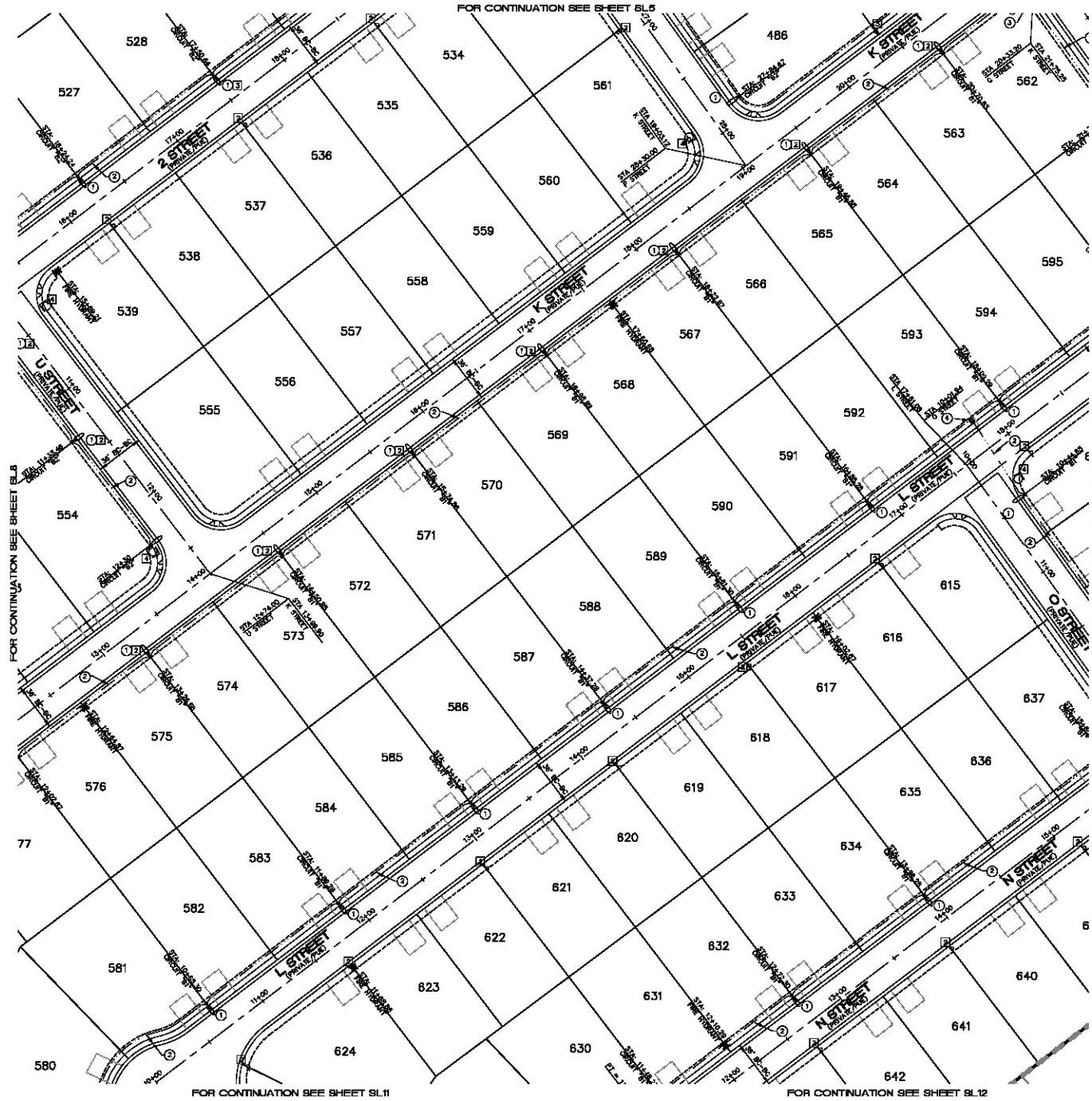
= 0 AMPS

= 37.0 AMPS

= 37.0 AMPS

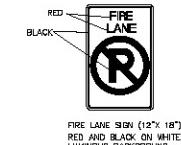
= 37.0 AMPS

= 11.0 AMPS



LEGEND

- 1 1/4" STREET LIGHT CONDUIT
- PROPOSED 100 W HPS LUMINAIRE
- NO. 3 1/2" FULL BOX
- SERVICE PEDESTAL
- PROPOSED STREET SIGNS
- PROPOSED STOP SIGN W/ (2) STREET NAME SIGNS
- PROPOSED BARRICADE



Stanley Consultants Inc.

RHODES HOMES ARIZONA, LLC
GOLDEN VALLEY RANCH
ARIZONA
AREA 1 - PHASE A
STREET LIGHT AND TRAFFIC CONTROL PLAN 9

SHEET
SL9
47 OF 79 SHEETS
SCI PROJECT#
18449

DISCLAIMER NOTE

UTILITY LOCATIONS SHOWN HERON ARE APPROXIMATE AND FOR CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT LOCATION OF ALL EXISTING UNDERGROUND DR. GIVES THIS PLAN TO THE CONTRACTOR COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT THE LOCATIONS OF UTILITIES SHOWN HEREON ARE EXACT. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

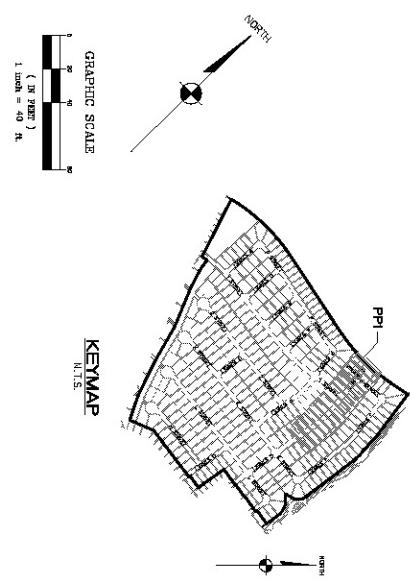
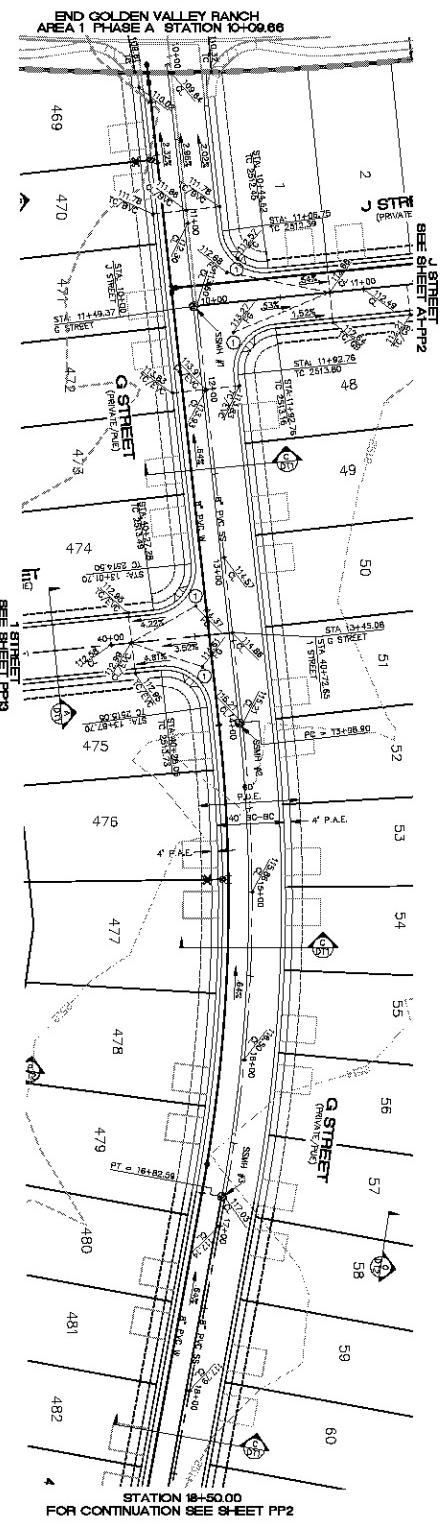
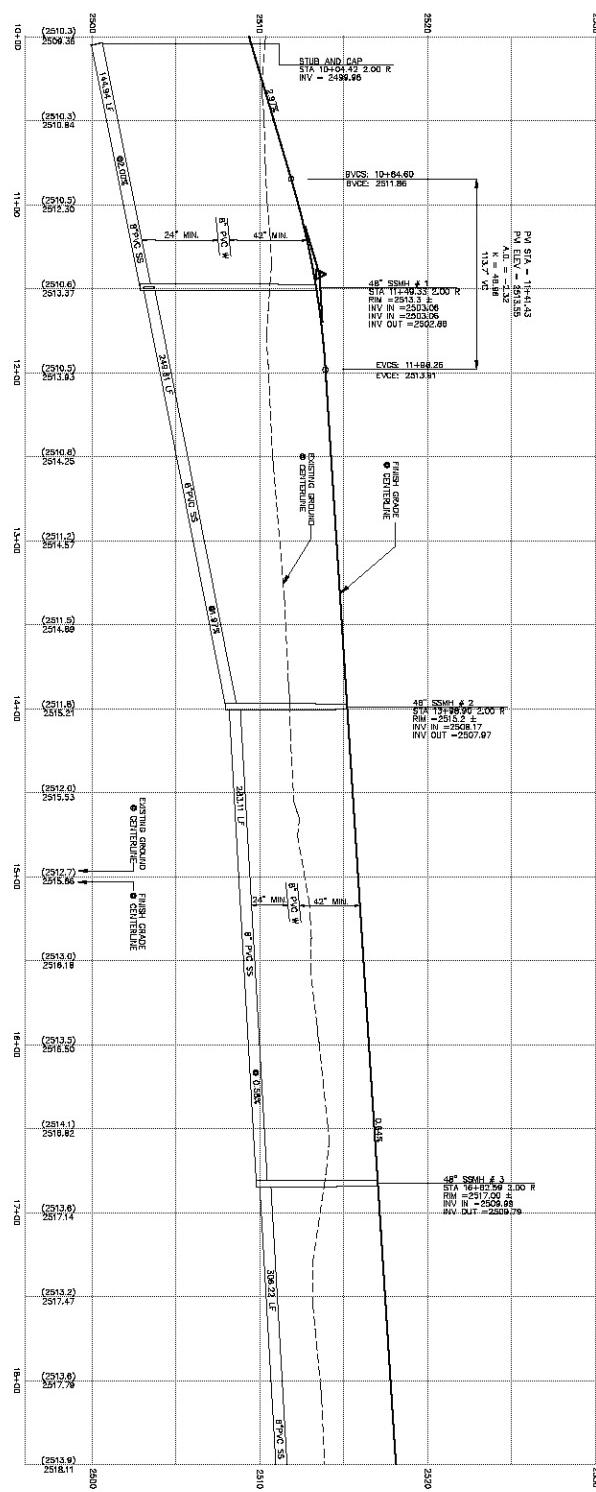
Utility calling underground with tree roots
Call before you DIG
1-800-787-5548
(701) 223-5548

Avoid overhead power lines
Call before you Overhead
1-877-753-5551
(800) 753-5551

PRELIMINARY ISSUE FOR REVIEW
NOT FOR CONSTRUCTION 3-10-06



SCALE (H) 1" = 40'
SCALE (V) 1' = 40'
(1/2) 3'-0" 3'-0" Foot (ft)
DRAWN BY CD/RM
CHECKED BY SH/DB
DATE 3-10-06



GEOTECHNICAL NOTE

GEOTECHNICAL NOTE:

DISCLAIMER NOTE

SHILARUMP DR AND HOPE RD, STAMFORD "SD-34 1998

BENCHMARK
BUSHMAN #3, 34° 41' 45.0" N.
ELEVATION: 2650±231 FT (NAVD 88)
DESCRIPTION: 1 1/4" CUPRUM DIA. SET IN CONCRETE
THE SOUTH 1/4 COUNTER OF SEC. 35, T. 21, R. W. AND THE
NORTH 1/4 COUNTER OF SEC. 36, T. 21, R. W. AND THE
NORTH 1/4 COUNTER OF SEC. 37, T. 21, R. W.
IT IS LOCATED ON THE PROPERTY OWNED BY
ARIZONA COORDINATE SYSTEM OF 1932 (MGRS). WESTERN
INTERNATIONAL PLAT (FPT), UTILIZING FIRST STATE OBSERVATIONS
PROCESSED BY NAVSTAR GPS.

STATION: 1/4 DUE S 32 E
M.C.S.D. 90 - 32° =

LATITUDE 33°49'22.7" N. LONGITUDE 117°57'40.7" W. (NGVD 88)
LATITUDE 33°49'22.7" N. LONGITUDE 117°57'40.7" W. (NAVD 88)

ALTITUDE ABOVE SEA LEVEL: 2650±231 FT (NAVD 88)
LONGITUDE: 117°57'40.7" W. (NAVD 88)

HEADING: 341°45.0' (True North)

BASIS OF BEARING



- SUBSTRATE/Soil BURDEN
- 5' FT TRANSITION (1' CURE TO "ROLL" CURE)
= CORE & GUTTER

= SW/RATIO

	ELEVATION
	GRADE
	CONTOUR
	SPOT ELEVATION
	PROFILE
	CROSS SECTION
	ELEVATION CONTOUR
	CENTER LINE
	BREAK
	OFFSET
	LOT NUMBER

LEGEND

KEY MAP
N.T.S.

NORTH

PPI

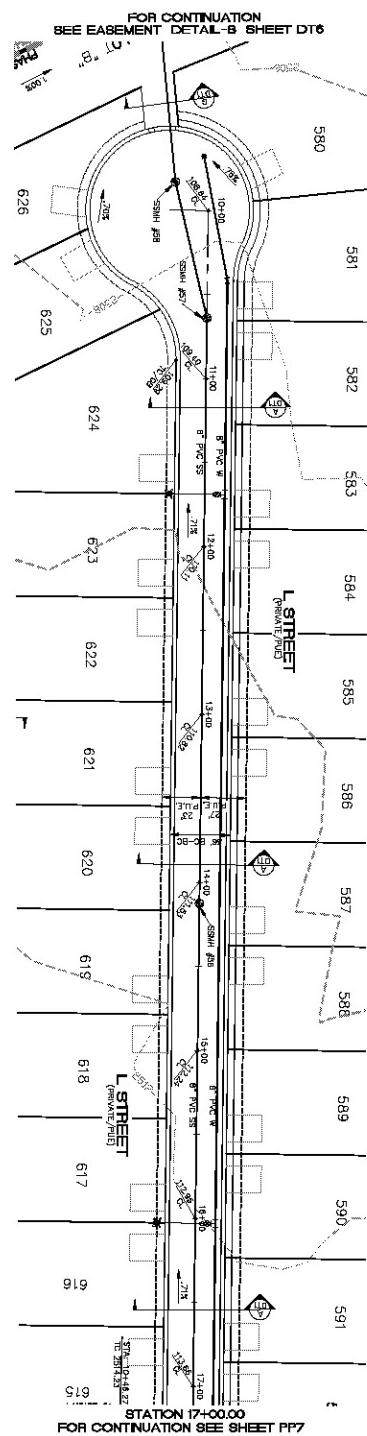
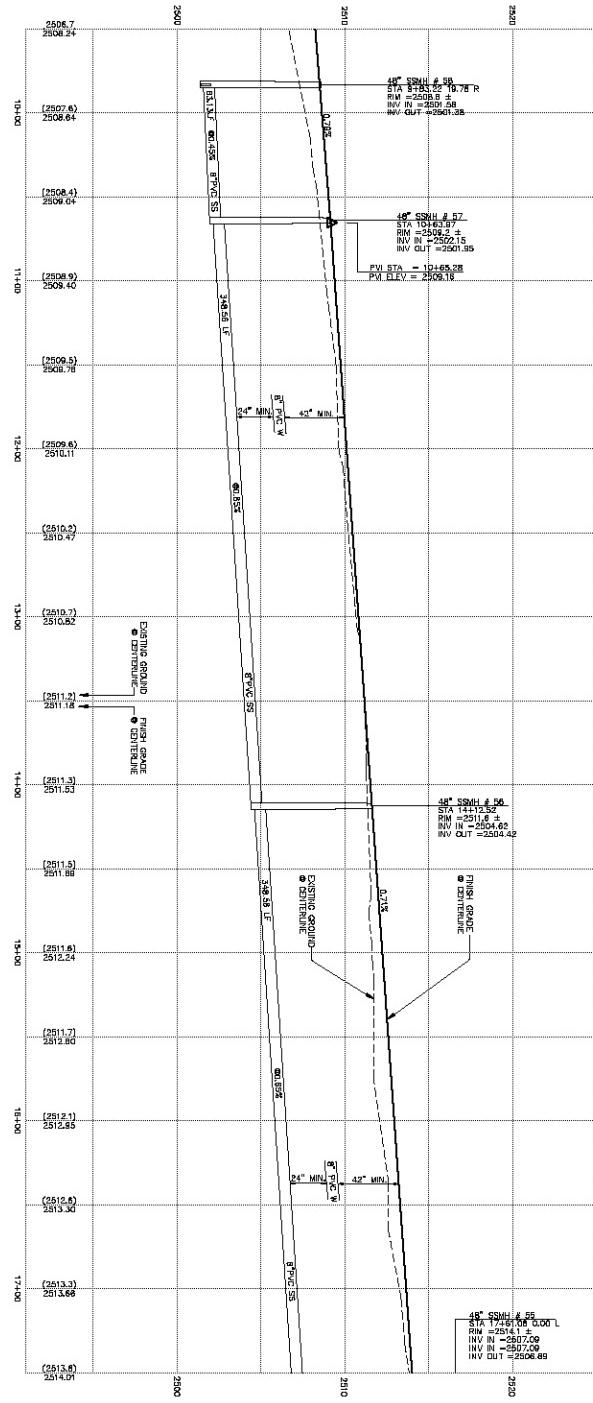
Registration Stamp:
RECORDED IN PLAT BOOK
48-18724
TOMMY LEE HARRIS
1000 N. 10TH ST.
OKLAHOMA CITY, OK 73102
(405) 235-1000

RHODES HOMES ARIZONA, LLC
GOLDEN VALLEY RANCH

**AREA 1 - PHASE A
G STREET - PLAN AND PROFILE**



PRELIMINARY ISSUE FOR REVIEW
NOT FOR CONSTRUCTION 3-10-06



CONSTRUCTION NOTES
(SEE CONTINUING SHEET DT6)
① SIDEWALK ACCESS RAMP TYPE D PER MASS STANDARD DETAIL NO. 334

GEOTECHNICAL NOTE
ALL CONSTRUCTION SHALL CONFORM TO THE
SOIL REPORT PREPARED BY AMERICAN SOILS
AND GROUNDS INC. D/B/A AMERICAN SOILS
PROJECT NO. 100-010

FEMA FLOOD ZONE
NEW HOME PROJECT NUMBER 2382C
PHASE 1 OF AREA 1 USE WITHIN THE AREA
DESCRIBED AS A FEMA FLOOD ZONE C WHICH
IS OUTSIDE THE AREA OF THE 100-YEAR STORM.
NOT FOR CONSTRUCTION 3-10-06

DISCLAIMER NOTE

All construction shall conform to the
SOIL REPORT PREPARED BY AMERICAN SOILS
AND GROUNDS INC. D/B/A AMERICAN SOILS
PROJECT NO. 100-010
FEMA FLOOD ZONE
NEW HOME PROJECT NUMBER 2382C
PHASE 1 OF AREA 1 USE WITHIN THE AREA
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IS OUTSIDE THE AREA OF THE 100-YEAR STORM.
NOT FOR CONSTRUCTION 3-10-06

BASIS OF SURVEYS

ALL CONSTRUCTION SHALL CONFORM TO THE
SOIL REPORT PREPARED BY AMERICAN SOILS
AND GROUNDS INC. D/B/A AMERICAN SOILS
PROJECT NO. 100-010
FEMA FLOOD ZONE
NEW HOME PROJECT NUMBER 2382C
PHASE 1 OF AREA 1 USE WITHIN THE AREA
DESCRIBED AS A FEMA FLOOD ZONE C WHICH
IS OUTSIDE THE AREA OF THE 100-YEAR STORM.
NOT FOR CONSTRUCTION 3-10-06

DESCRIPTION

ALUM CAP 2" DIA. SEI II CONC. 65 FT. NORTHEAST OF
THE SW 1/4 CORNER OF SEC. 35, T. 21 N. R. 45 W. AND NORTH OF THE
INTERSECTION OF L ST. AND MOHAVE RD. SHOTRED SOD 34 1998
SLOPE 1/4 COR 3/2 =
ELEVATION - 2600.423 FT (LAND 88)

BENCHMARK

BEIGHMARK # 90-347 MCAO
ELEVATION - 2600.423 FT (LAND 88)

DESCRIPTION

ALUM CAP 2" DIA. SEI II CONC. 65 FT. NORTHEAST OF
THE SW 1/4 CORNER OF SEC. 35, T. 21 N. R. 45 W. AND NORTH OF THE
INTERSECTION OF L ST. AND MOHAVE RD. SHOTRED SOD 34 1998
SLOPE 1/4 COR 3/2 =
ELEVATION - 2600.423 FT (LAND 88)

BASIS OF SURVEYS

ALL CONSTRUCTION SHALL CONFORM TO THE
SOIL REPORT PREPARED BY AMERICAN SOILS
AND GROUNDS INC. D/B/A AMERICAN SOILS
PROJECT NO. 100-010
FEMA FLOOD ZONE
NEW HOME PROJECT NUMBER 2382C
PHASE 1 OF AREA 1 USE WITHIN THE AREA
DESCRIBED AS A FEMA FLOOD ZONE C WHICH
IS OUTSIDE THE AREA OF THE 100-YEAR STORM.
NOT FOR CONSTRUCTION 3-10-06

LEGEND

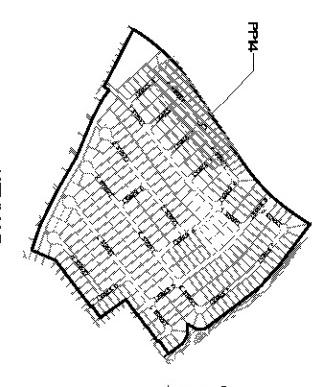
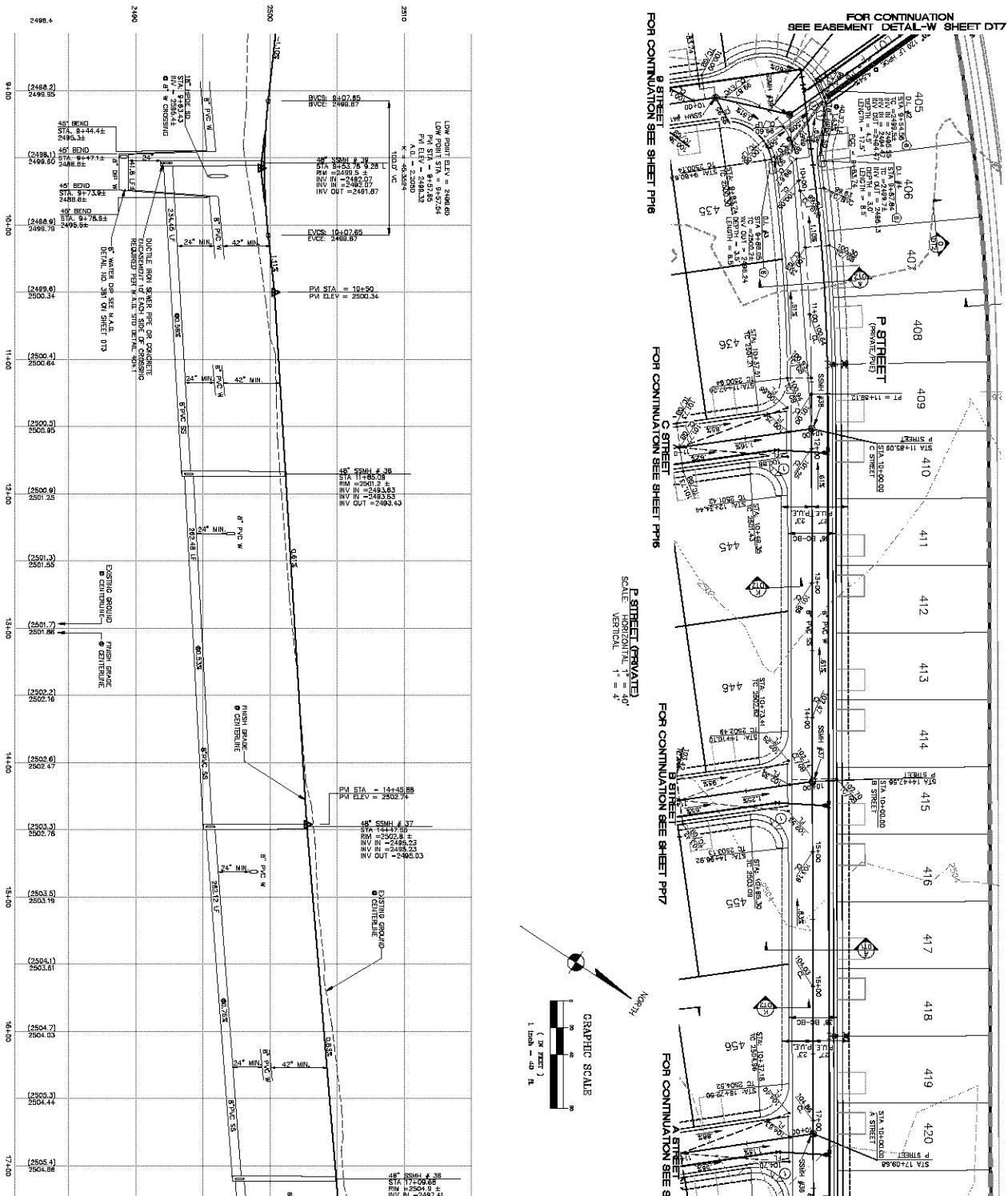
EXISTING GRADE
FUTURE GRADE
ELEVATE ELEVATION
EXISTING FINISHED GRADE ELEVATION
ELEV. DIREC. & DIREC.
TRANSITION
PROP. LINE (COLUSION)
RIGHT OF WAY
GRADE BREAK
CENTER LINE
EXISTING CURB
LOT NUMBER
EDGE OR FRONTOUR
SUBDIVISION/LAND BOUNDARY
5 FT. TRANSITION "ROLL" CURB
CURB & GUTTER
SW. RAMPS

KEYMAP



REV. NO.	APPROVAL DATE	DESCRIPTION	DRAWN BY





STORM DRAIN CONSTRUCTION NOTES

DISCLAIMER NOTE

STORM DRAIN PROFILES.
! STORM DRAIN PROFILES.

ALUM CAP 2", 1/4" CORNER OF SEC. 35, T. 21 N., R. 18 W. AND THE 1/4 SECTION OF SHIRLEY HILL DR. AND HOPE RD. STAMPED SU-34-1989

BASIS OF BEARING

= "F" Transformation
= CURB & GUTTER



 SLOPE = RATE OR DIRECTION OF SLOPE



 SLOPE = RATE OR DIRECTION OF SLOPE



 SLOPE = RATE OR DIRECTION OF SLOPE



 SLOPE = RATE OR DIRECTION OF SLOPE



 SLOPE = RATE OR DIRECTION OF SLOPE



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 SLOPE = RATE OR DIRECTION OF SLOPE



 SLOPE = RATE OR DIRECTION OF SLOPE



 SLOPE = RATE OR DIRECTION OF SLOPE

LEGEND

- = EXISTING DRAINAGE
- FUTURE GRADE
- = FLOODLINE ELEVATION

KENMAP
N.T.S.

CONSTRUCTION NOTES

GEO TECHNICAL NOTE:
ALL CONSTRUCTION SHALL CONFORM WITH THE
SOILS REPORT PREPARED BY AMERICAN SOILS

FEMA FLOOD ZONE

PRELIMINARY ISSUE FOR REVIEW
NOT FOR CONSTRUCTION 3-10-06

RHODES HOMES ARIZONA, LLC
GOLDEN VALLEY RANCH

**AREA 1 - PHASE A
P STREET - PLAN AND PROFILE**

ANNUAL REPORT

“I’m not going to let you do that again,” he said firmly.

SCALE (H) 1"

DRAWN BY C
CHECKED BY
DATE 7-12

DATE 3-10-

